References:

1. Achanta G., Modzelewska A., Feng Li., Khans S. R., Huang P., (2006), A Boronic-Ch alcone Derivative Exhibits Potent Anticancer Activity through Inhibition of the Proteasome Mol.Pharmacol. **70(1)**, 426-433.
2. Andreas T., Theodara K., Christos R., Vassilios R., (1999), "1-(2-Alkoxy-5-carboxyphenyl)-a,β-unsaturated ketones''. Their preparation and application in therapeutics *PCT Int. Appl., WO9954278* pp 22.
3. Bombardelli E., Piero V.; (1998), Chalcones possedantune activity proliferante *PCT Int. Appl. WO 9858913* pp 18.
4. Breslow D. S., Hauser C. R., (1940), Condensations. XI. Condensations of Certain Active Hydrogen Compounds Effected by Boron Trifluoride and Aluminum Chloride *J. American Chem. Soc.*, **62**, 2385.
5. (a) Caddick S., (1995), Microwave assisted organic reactions, *Tetrahedron,* **51(38),** 10403-10432 (b) Deshayes S., Liagre M., Loupy A., Luche J., (1999), A. Petit; Microwave activation in phase transfer catalysis *Tetrahedron,* **55(36)**,10851-10870 (c) Lidstrom P Tierney J., Wathey B., Westman J.; (2001), Microwave assisted organic synthesis—a review, *Tetrahedron*, **57(45)**, 9225-9283; (d) Varma R. S., (2001), Solvent-free accelerated organic syntheses using microwaves *Pure Appl.Chem.,* **73(1)**, 193-198.
6. Cheenpracha S., Karalai C., Ponglimanont C., Tewtrakul S., (2006), Anti-HIV-1 protease activity of compounds from *Boesenbergia pandurata Bioorg. Med.Chem.* **14 (6),** 1710-1714.
7. Dimmock J. R., Manavathu E. K., (2000), Mannich bases of conjugated styryl ketones *U. S. Pat. US 6017933* pp 23.
8. Dominguez J. N., Leon C., Rodrigues J., Gut J., Rosenthal P. J., (2005), Synthesis and antimalarial activity of sulfonamide chalcone derivatives, *IlFarmaco***, 60 (4)**, 307-311.
9. Eiichi S., Koji K., Masaki I., Hiroshi S., (1999), Nouveaux Derives Venylbenzene, *PCT nt. Appl., WO 9961403* pp60.

10. Grosscurt A.C., Van H.R., Wellinga K. (1979), 1-Phenylcarbamoyl-2-pyrazolines, a new class of insecticides. 3. Synthesis and insecticidal properties of 3,4-diphenyl-1-phenylcarbamoyl-2-pyrazolines *J. Agri. Food. Chem.*, **27(2)**, 406-409.

11. Go M. L., Liu M., Wilairat P., Rosenthal P. J., Kevin J., Kirk K., (2004), Antiplasmodial Chalcones Inhibit Sorbitol-Induced Hemolysis of ***Plasmodium falciparum***-Infected Erythrocytes *Antimicrob. Agents Chemother*., **48(9)**, 3241-3245.
12. Han Y., Riwanto M., Go M.-L., Rachel P. L., (2008), Modulation of breast cancer resistance protein (BCRP/ABCG2) by non-basic chalcone analogues *Eur. J. Pharm. Sci.*, **35(1-2)**,30-41.
13. Kamal A., Shankaraiah, N., Prabhakar S., Ch. R. Reddy, N. Markandeya, K. L. Reddy, V. Devaiah (2008), Solid-phase synthesis of new pyrrolobenzodiazepine–chalcone conjugates: DNA-binding affinity and anticancer activity *Bioorg. Med. Chem. Lett.*, **18(7)**, 2434-2439.
14. Katade S., Phalgune U., Biswas S., Wakharkar R., Deshpande N., Microwave studies on synthesis of biologically active chalcone derivatives. *Indian J.Chem. B,* **47B (6)**, 927-931.
15. Katritzky A. R., Chassaing C., Barrow S. J., Zhang Z., Forood B. (2002), Solid-Phase Synthesis of 4,6-Disubstituted and 3,4,6-Trisubstituted Pyrid-2-ones, *J.Combi. Chem.*, **4(4)**, 249-250.
16. Kazuhiko N., Torakoontiwakon G., Kameyama M., Hiroshi O., Mitsuru Y., Toujirou T., (2003), Jpn. Kokai Tokkyo Koho New Chalcone Derivatives, *JP, 2003040829* pp 6.
17. Ko H. H., Tsao L. T., Yu K. L., Liu C. T., Wang J. P., Lin C. N., (2003), Structure–activity relationship studies on chalcone derivatives: the potent inhibition of chemical mediators release, *Bioorg.Med. Chem.*, **11(1),** 105-111.
18. Kostanecki S. V. Tambor J., (1899), Monoxyohalcones *Ber. Duch. Chem. Ges.*, **32**, 1921.

19. Kumar K. S., Hager E., Pettit C., Gurulingappa H., Davidson N. E., Khan S. R., (2003), Design, Synthesis, and Evaluation of Novel Boronic-Chalcone Derivatives as Antitumor Agents *J. Med. Chem.*, **46(14),** 2813-2815.
20. Lahtchev K. L., Batovska D. I., Parushev St. P., Ubiyvovk V. M., Sibirny A. A., (2008), Antifungal activity of chalcones: A mechanistic study using various yeast strains *Eur. J. Med. Chem.*, **43(10)**, 2220-2228.
21. Lall N., Hussein A. A., Meyer J. J. M., (2006), Antiviral and antituberculous activity of *Helichrysum melanacme* constituents *Fitoterapia*, **77(3)**, 230-232.
22. Lin Y. M., Zhou Y., Flavin M. T., Zhou Li-M., Nie W., C Fa. Chen; (2002), Chalcones and flavonoids as anti-Tuberculosis agents, *Bioorg. Med. Chem.,* **10(8)**, 2795-2802.
23. Liu M., Wilairat P., Go M.-L., (2002), Antimalarial Alkoxylated and Hydroxylated Chalcones: Structure−Activity Relationship Analysis. *J. Med. Chem.,* **45(8)**, 1735.
24. Lyle R. E., Paradis L. P., (1955), Acid-catalyzed Condensations. II. The Condensation of Benzaldehyde with Substituted Acetophenones *J. American Chem. Soc.*, **77**, 6667.
25. Mogilaiah K., Sakram B., Kavitha S., (2007), Ptsa catalysed Claisen Schmidt condensation in solvent free condisions under microwave irradiation,, *Het. Comm.*, **13(1)**, 43-48.
26. Pedersen A. K., Fitz G., Garret A., (1985), Preparation and analysis of deuterium-labeled aspirin: Application to pharmacokinetic studies, *J. Pharm. Sci.*, **74(2)**, 188-192.
27. Pratap R., Satyanarayana M., Nath C., Raghubir R., Puri A., Chander R., Tiwari P., Tripathi B., Srivastava A., (2006), Oxy substituted chalcones as antihyperglycemic and antidyslipidemic agents, *U.S. Pat. Appl. Publ. US 2006142303*,pp. 19.
28. Ryo S., Tamio H., (2008), Ruthenium-catalyzed 1,4-Addition of Organoboronic Acids to α,β-Unsaturated Ketones *Chem. Lett.*, **37(7)**, 724-725.
29. Saravanamurugan S., Palanichamy M., Arabindoo B., Murugesan V., (2004), Liquid phase reaction of 2′-hydroxyacetophenone and benzaldehyde over ZSM-5 catalysts *J.Mol. Catal. A: Chemical*, **218(1)**, 101-106.
30. Stoyanov E. V., Champavier Y., Simon A., Jean-Philippe B., (2002), Efficient liquid-Phase synthesis of 2′-Hydroxychalcones *Bioorg. Med.Chem. Lett.*, **12(19),** 2685-7.

31. Talley J. J., Sikorski J. A., Graneto M. J., Carter J. S., Norman B. H., Devadas B., (2002), Heterocyclo substituted hydroxamic acid derivatives as cyclooxygenase-2 and 5-lipoxygenase inhibitors *U. S. Pat. Appl. Publ. US 20020058810* pp 54.
32. Toru O., Yoshihito O., Shoji S., Nobuyuki N., Susumu I., (1999),Jpn. KokaiTokkyo Koho New Chalcone and Pharmaceutical Containing the compound, *JP 11349521* pp 7.
33. Toy P. M., Janda K. D., (2000), Soluble Polymer Supported Organic Synthesis**,** *Acc. Chem. Res.*, **33**, 546-554.
34. Vyas D. H., Dhaduk M. F., Tala S. D., Akbari J. D., Joshi H. S., (2007), Synthesis and biological activity of some pyrazoline derivatives *Indian J. Het. Chem.*, **17(2),** 169-172.
35. Yongjia S., Lianbing R., Jianwei Wu, (2008), Novel Method for Soluble-Polymer-Supported Synthesis of 3,4,5-Trisubstituted Isoxazoles, *Syn. Comm.* **38(4)**, 583-594.
36. Ziegler H. L., Hansen H. S., Staerk D., Christensen S. B., Hagerstrand H., (2004), The Antiparasitic Compound Licochalcone A Is a Potent Echinocytogenic Agent That Modifies the Erythrocyte Membrane in the Concentration Range Where Antiplasmodial Activity Is Observed. *Antimicrob. Agents Chemother*. **48(10)**, 4067-4071.